CERES DMT to DAAC Processing Requests

CERES Data Processing Policy: A Data Month must be processed with a unique Software Code. If an emergency Software Code Fix must be made in the middle of a processing month, all days previously processed must be reprocessed to maintain consistency of the data.

Table 1: Satellite: All

Item	Target Date	Processing Request	Description	DAAC Verification
4	4/1/98	Promote CERESlib into Production.	WNchan_width values for each CERES instrument are being added to the ceres_constants module, see sccr64.	
3	3/13/98	Install Patches 1,2,3 to TK5.2.1. This installation should coincide with the delivery of SS6/9.	Patch #1 is for file closure, which is required by SS1 and SS4.1. Patch #2 is for HDFEOS, and patch #3 is for input pointer, which is required by SS9 where SS6/9 requires 744 input file names.	
2	3/5/98	Download UCTPole and Leapsec Ancillary TK files on Tues. and Thursday of each week, as are current from NRL. Process all Level Zero files as they are ingested from GSFC.	SS1 report 2/4/98: 'Ran tests using various utc-pole.dat files to determine the error in predicted vs. actual utcpole data. Tests show that the difference for the 5 day predicted dataset is on the order of 1/100,000 of a degree.'	
1	2/2/98	Promote TK5.2.1 into Production	SCF check out completed.	

Priority 1 - Process Instrument Subsystem daily - to be followed by ERBElike processors.

Table 2: Satellite: TRMM

Item	Target Date	Production Strategy	Processing Request	Description	DAAC Verification
13	4/14/98 **Priority 2**	PS1='Edition1	Reprocessing the months of 2/98-4/1/98 for CER1.1P1. The PRES8 data sent to /QA, ERBE-like (SS2) will be processed at the SCF at this time.	Priority 2, Instrument output PRES8 needed for the months of FEB. and March,98, for ERBElike at the SCF.	
12	TBD	PS11='Composite'	(when all GeoStationary Data for 1/98 arrives) start SS11, GGeo production.	Code changes to conform to TK5.2.1, see sccr50	
11.1	TBD	PS4_1='ValidationR2' PS12='DAO-GEOS2' PS4_5='ValidationR2'	Same as Item 11, Delay is due to further SW enhancements.	same as 11	
11	~~4/14/98~~ TBD	PS4_1='ValidationR2' PS12='DAO-GEOS2' PS4_5='ValidationR2'	Promote SS4.1-4.4, Clouds, to production - will begin with the Validation Days in Jan.98, PS1='Edition1', after SS1 go-ahead, use MOA input. New SS4.5-6, Inversion, SW will follow soon.	Cloud retrieval will have improved cloud mask, MOA bilinear interpolation, VIRS calibration correction version 1, and addition of correlated K to VINT, see SCCR71.	SSI&T stopped 4/13/98
10	4/10/98 **Priority 3**	PS12='DAO-GEOS2'	Promote SS12 to production - will be processed with GOES2 data. Reprocess Jan. 98 for MOA.	GEOS1.3 will be replace by GEOS2 input files from DAO.	
9	4/7/98	PS1='Edition1 PS2_3='ValidationR2	Continue reprocessing the month of 1/98 for CER1.1P1. Process ERBElike subsystems for 1/98 with real snow map data	Validation Days in Jan. are OK. - finish the month	Validation days completed 4/7/98
8	4/1/98	PS12='ValidationR1' PS4_1='ValidationR1' PS4_5='ValidationR1' PS9='ValidationR1'	Terminate MOA, clouds, inversion processors until further notice. Archive & rm all GEOS1.3 data and MOA, clouds, & inversion output files. Terminate PMOA processor, 9.1P1, until further notice.	GEOS1.3 will be replace by GEOS2 input files from DAO.	

Table 2: Satellite: TRMM

Item	Target Date	Production Strategy	Processing Request	Description	DAAC Verification
7	4/1/98	PS2_3_QC='ValR2-QC' PS2_3=TBD	Promote ERBElike delivery into Production to coincide with the Instrument Production date, these codes should start at the beginning of the data month. Reprocessing will be determined at a later date, after CER1.1P1 evaluation of the validation days in Jan.98. Note: Do NOT run SS2/3 for ValidationR1 w/ real snow data for Dec., Feb., or March, 98.	Updated snow map file generator, the wn channel fixes for QC report, the processing date time in UTC format in ES8-HDF metadata file, the new SS3 that generates monthly solar declination and ES-4 housekeeping values before processing monthly data, and the graphics fixes, see sccr66,67,& 70	
6 Deleted	4/1/98	(replaced by item 8)	Continue Jan. processing of Clouds, etc (ValidationR1). Wait for redelivery of SS4.1-4, SS4.5-6, SS7.1/8/10 before processing April, and beyond, or any reprocessed data (PS1=Edition1).	The changes that are being delivered in the Instrument delivery will impact the entire data processing system. At a later date, if reprocessing is necessary, all subsystem codes must be in sync with SS1, see sccr62.	
5	4/1/98	PS1='Edition1'	Promote new Instrument delivery, REL2.4, into Production. **This must be coordinated with the new SS2/3 redelivery.** Reprocess validation days thru CER1.1P1: {1/5,12,19,26/98} (This may be followed by the month of Jan.- after evaluation of data). DAAC will start the Semi-automated ConfigurationCode implementation.	Changed to Geodetic/Surface coordinate system. Deep Space Calibration Offsets and Coefficients for Radiance Count Conversion. Updates to SpaceC-lamp algorithm to properly calculate spaceclamp based on Sample Number 0. Change in units on Window channel radiances. Properly flag and count saturation of radiances on all channels. Fix errors in metadata.	
4	3/11/98	PS2_3='ValidationR1' PS2_3_QC='ValR1-QC'	ERBElike processing strategy priority for ValidationR1 data: a) Finish 1/98 for SS2 and SS3 ASAP to get data to science team. b) Process 12/97 through SS2 c) Process 2/98 through SS2 and SS3 d) Start 3/98 through SS2 in a 'QC' mode with ProductionStrategy 'ValR1-QC' for daily runs, then at the end of the month, after we have snow files for the complete month, re-run to produce the normal ProductionStrategy 'ValidationR1'.	Priority for processing ValidationR1 Instrument data determined at the ERBElike Working Group Meeting 3-11-98.	
3	3/5/98	PS2_3='AtLaunch'	Promote new ERBElike delivery, REL2.2, into Production.	Code changes made to return to ERBE scanner configuration.	

Table 2: Satellite: TRMM

Item	Target Date	Production Strategy	Processing Request	Description	DAAC Verification
2	2/2/98	PS1='ValidationR1'	Promote new Instrument delivery, REL2.3, into Production. ValidationDays = {12/27,28/97, and 1/5,6,12,19,26/98}, Reprocess all days thru all Subsystems.	SS1 code fixes DAC update and rate limit scan rejects, proper coefficients, IES scan and sample numbering.	
1	11/27/98	PS1='AtLaunch' PS2_3='AtLaunch'	Initial ProductionStrategy = **AtLaunch**	Initial request for the definition of the ProductionStrategy	